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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Confirmation No. 3379

Mitsuaki OSHIMA et al. : Docket No. 2000_1422

Serial No. 09/686,466 : Group Art Unit 2634

Filed October 12, 2000 : Examiner A. Le

COMMUNICATION SYSTEM :

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AMENDMENT

Assistant Commissioner for Patents,
Washington, D.C.

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

Sir:

In response to the Office Action of April 9, 2002, an extension of time not being necessary as the Examiner did not specify a shortened statutory period for reply, please amend the above-identified U.S. patent application as follows:

IN THE CLAIMS:

Please cancel claims 13-21 without prejudice or disclaimer to the subject matter therein.

Please add claims 22-29 as follows:

22. A signal transmission apparatus comprising:

- a modulator operable to modulate a carrier wave with an input signal to produce a modulated signal, and

- a transmitter operable to transmit the modulated signal.

wherein the input signal contains a first data stream including g values of bit patterns and a second data stream, where g is an integer number, and

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